

What is claimed is:

[Claim 1] 1. A panel locating method of a projecting system, comprising:
fixing a first panel on a first surface of an optical kernel, and an image of the first panel being projected to a lens via the optical kernel;
adjusting the position of the lens to a focus position, and fixing the lens;
mounting a second panel onto a second surface of the optical kernel with a pin-to-hole method;
tuning the position of the second panel to focus an image of the second panel at the focus position via the optical kernel; and
fixing the position of the second panel.

[Claim 2] 2. The panel locating method of claim 1, wherein the optical kernel comprises a plurality of color filters.

[Claim 3] 3. The panel locating method of claim 2, wherein the color filters, while in a specific direction, are pervious to or reflect light with a specific color.

[Claim 4] 4. The panel locating method of claim 1, wherein the first panel and the second panel are liquid crystal panels or liquid crystal on silicon panels.

[Claim 5] 5. The panel locating method of claim 1, wherein the images of the first panel and the second panel are stacked into an integrated image at the focus position.

[Claim 6] 6. A panel locating method of a projecting system, comprising:
fixing a first panel on a first surface of an optical kernel, and an image of the first panel being projected to a lens via the optical kernel;
adjusting the position of the lens to a focus position, and fixing the lens;
mounting a second panel onto a second surface of the optical kernel with a pin-to-hole method;
mounting a third panel onto a third surface of the optical kernel with a pin-to-hole method;
tuning the positions of the second panel and the third panel to focus the images of the second panel and the third panel at the focus position via the optical kernel; and
fixing the positions of the second panel and the third panel.

[Claim 7] 7. The panel locating method of claim 6, wherein the optical kernel comprises a plurality of color filters.

[Claim 8] 8. The panel locating method of claim 7, wherein the color filters, while in a specific direction, are pervious to or reflect light with a specific color.

[Claim 9] 9. The panel locating method of claim 6, wherein the first panel, the second panel, and the third panel are liquid crystal panels or liquid crystal on silicon panels.

[Claim 10] 10. The panel locating method of claim 6, wherein the images of the first panel, the second panel and the third panel are stacked into an integrated image at the focus position.

[Claim 11] 11. A panel locating method of a projecting system, comprising:
fixing a first panel on a first surface of an optical kernel, and an image of the first panel being projected to a lens via the optical kernel;
adjusting the position of the lens to a focus position, and fixing the lens;
mounting a plurality of second panels onto a plurality of second surfaces of the optical kernel with a pin-to-hole method;
tuning the positions of the second panels to focus images of the second panels at the focus position via the optical kernel; and
fixing the positions of the second panels.

[Claim 12] 12. The panel locating method of claim 11, wherein the optical kernel comprises a plurality of color filters.

[Claim 13] 13. The panel locating method of claim 12, wherein the color filters, while in a specific direction, are pervious to or reflect light with a specific color.

[Claim 14] 14. The panel locating method of claim 11, wherein the first panel and the second panels are liquid crystal panels or liquid crystal on silicon panels.

[Claim 15] 15. The panel locating method of claim 11, wherein the images of the first panel and the second panels are stacked into an integrated image at the focus position.